

	Butteroil	Anhydrous milkfat
Milkfat .....	Not less than 99.6 percent .....	Not less than 99.8 percent.
Moisture .....	Not more than 0.3 percent .....	Not more than 0.1 percent.
Other butter constituents including salt .....	Not more than 0.1 percent .....	Not more than 0.1 percent.
Salt .....	Not more than 0.05 percent .....	Not more than 0.05 percent.
Antioxidants .....	Those permitted by standards of the Codex Alimentarius Commission and authorized for use by the Food and Drug Administration.	Those permitted by standards of the Codex Alimentarius Commission and authorized for use by the Food and Drug Administration.
Free fatty acids .....	Not more than 0.5 percent (calculated as oleic acid).	Not more than 0.3 percent (calculated as oleic acid).
Peroxide value .....	Not more than 0.1 milliequivalent per kilogram of fat.	Not more than 0.1 milliequivalent per kilogram of fat.
Iron content .....	Not more than 0.2 ppm .....	Not more than 0.2 ppm.
Copper content .....	Not more than 0.05 ppm .....	Not more than 0.05 ppm.

(b) [Reserved]

[60 FR 4826, Jan. 24, 1995]

#### § 58.348 Plastic cream.

The flavor shall be sweet, pleasing and desirable but may possess the following flavors to a slight degree; aged, bitter, flat, smothered and storage; and cooked and feed flavors to a definite degree. It shall be free from rancid, oxidized or other objectionable flavors.

(a) In addition, the finished product shall meet the following specifications when sampled and tested in accordance with §§ 58.336 and 58.337.

(b) Standard plate count, not more than 30,000 per gram; coliform count, not more than 10 per gram; yeast and mold, not more than 20 per gram;

(c) Optional except when required or requested: Copper content not more than 0.3 ppm; iron content not more than 1.0 ppm.

#### § 58.349 Frozen cream.

The flavor shall be sweet, pleasing and desirable, but may possess the following flavors to a slight degree: Aged, bitter, flat, smothered, storage; and cooked and feed flavors to a definite degree. It shall be free from rancid, oxidized or other objectionable flavors.

(a) In addition, the product shall meet the following specifications when sampled and tested in accordance with §§ 58.336 and 58.337. Samples for analysis should be taken prior to freezing of the product.

(b) Standard plate count, not more than 30,000 per ml.; coliform count, not more than 10 per ml.; yeast and mold, not more than 20 per ml.

(c) Optional except when required or requested: Copper content, not more than 0.3 ppm; iron content not more than 1.0 ppm.

#### SUPPLEMENTAL SPECIFICATIONS FOR PLANTS MANUFACTURING AND PACKAGING CHEESE

##### DEFINITIONS

#### § 58.405 Meaning of words.

For the purpose of the regulations in this subpart, words in the singular form shall be deemed to impart the plural and vice versa as the case may demand. Unless the context otherwise requires, the following terms shall have the following meaning:

(a) *Cheese*. The fresh or matured product obtained by draining after coagulation of milk, cream, skimmed, or partly skimmed milk or a combination of some or all of these products and including any cheese that conforms to the requirements of the Food and Drug Administration for cheeses and related cheese products (21 CFR part 133).

(b) *Milkfat from whey*. The fat obtained from the separation of cheese whey.

[40 FR 47911, Oct. 10, 1975. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981, as amended at 67 FR 48976, July 29, 2002]

##### ROOMS AND COMPARTMENTS

#### § 58.406 Starter facility.

A separate starter room or properly designed starter tanks and satisfactory air movement techniques shall be provided for the propagation and handling

**§ 58.407**

of starter cultures. All necessary precaution shall be taken to prevent contamination of the facility, equipment and the air therein. A filtered air supply with a minimum average efficiency of 90 percent when tested in accordance with the ASHRAE Synthetic Dust Arrestance Test should be provided so as to obtain outward movement of air from the room to minimize contamination.

**§ 58.407 Make room.**

The rooms in which the cheese is manufactured shall be of adequate size, and the equipment adequately spaced to permit movement around the equipment for proper cleaning and satisfactory working conditions. Adequate filtered air ventilation should be provided. When applicable, the mold count should be not more than 15 colonies per plate during a 15 minute exposure.

**§ 58.408 Brine room.**

A brine room, when applicable, should be a separate room constructed so it can be readily cleanable. The brine room equipment shall be maintained in good repair and corrosion kept at a minimum.

**§ 58.409 Drying room.**

When applicable, a drying room of adequate size shall be provided to accommodate the maximum production of cheese during the flush period. Adequate shelving and air circulation shall be provided for proper drying. Temperature and humidity control facilities should be provided which will promote the development of a sound, dry surface of the cheese.

**§ 58.410 Paraffining room.**

When applicable for rind cheese, a separate room or compartment should be provided for paraffining and boxing the cheese. The room shall be of adequate size and the temperature maintained near the temperature of the drying room to avoid sweating of the cheese prior to paraffining.

**§ 58.411 Rindless cheese wrapping area.**

For rindless cheese a suitable space shall be provided for proper wrapping and boxing of the cheese. The area

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shall be free from dust, condensation, mold or other conditions which may contaminate the surface of the cheese or contribute to unsatisfactory packaging of the cheese.

**§ 58.412 Coolers or curing rooms.**

Coolers or curing rooms where cheese is held for curing or storage shall be clean and maintained at the proper uniform temperature and humidity to adequately protect the cheese, and minimize the undesirable growth of mold. Proper circulation of air shall be maintained at all times. The shelves shall be kept clean and dry. This does not preclude the maintenance of suitable conditions for the curing of mold and surface ripened varieties.

**§ 58.413 Cutting and packaging rooms.**

When small packages of cheese are cut and wrapped, separate rooms shall be provided for the cleaning and preparation of the bulk cheese and for the cutting and wrapping operation. The rooms shall be well lighted, ventilated and provided with filtered air. Air movement shall be outward to minimize the entrance of unfiltered air into the cutting and packaging room. The waste materials and waste cheese shall be disposed of in an environmentally and/or sanitary approved manner.

**EQUIPMENT AND UTENSILS****§ 58.414 General construction, repair and installation.**

All equipment and utensils necessary to the manufacture of cheese and related products shall meet the same general requirements as outlined in § 58.128. In addition, for certain other equipment the following requirements shall be met.

**§ 58.415 Starter vats.**

Bulk starter vats shall be of stainless steel or equally corrosion resistant metal and should be constructed according to the applicable 3-A Sanitary Standards. New or replacement vats shall be constructed according to the applicable 3-A Sanitary Standards. The vats shall be in good repair, equipped with tight fitting lids and have adequate temperature controls such as